



Section 1 - Identification

Product Name: CPL 4000
Alternate Name: Closed Loop Cleaner Passivator
Recommended Use: Closed system cleaner
Manufacturer: Chem Pro Laboratory, Inc., 941 W 190th St, Gardena CA 90248, 310-532-8611
ChemTrec: 800-424-9300 (Transportation Spill Response 24 hours)

Section 2 - Hazard(s) identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

DANGER



Toxic if inhaled

Causes severe skin burns and serious eye damage

Avoid breathing dust/fume/gas/mist/vapors/spray.

Do not breathe dusts or mists.

Use only outdoors or in a well-ventilated area.

Wash contacted areas thoroughly after handling.

Wear eye and face protection, and protective gloves and clothing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a poison center or doctor.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or doctor.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Wash skin with plenty of water. Wash contaminated clothing before reuse.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Store in a well-ventilated place. Keep container tightly closed, locked up.

Dispose of contents/container in accordance with federal, state, and local regulations.

Section 3 - Composition/information on ingredients

Chemical Name	CAS Number	Percent
sodium tripolyphosphate (STPP)	7758-29-4	5-10%
sodium gluconate	527-07-1	1-5%
tolyltriazole sodium salt	64665-57-2	1-5%
sodium polyacrylate	9003-04-7	1-5%
potassium hydroxide	1310-58-3	<1%

Section 4 - First-aid measures

Emergency and First Aid Procedures:

Inhalation On over-exposure, remove to fresh air. Get medical attention.

Eye Contact Flush with large quantities of water for at least 15 minutes, lifting upper and lower lids



Skin Contact	occasionally; continue flushing while waiting for medical assistance. Flush thoroughly with water. Wash with soap/water while removing all contaminated clothing and shoes; Get immediate medical attention.
Ingestion	Do not induce vomiting; dilute by giving milk or water if conscious; Get medical attention immediately.
Symptoms of Overexposure:	
Inhalation	Not normal route of entry. Dried or evaporated liquid can produce irritating dust.
Contact with Skin or Eyes	Possible severe skin irritation and corneal damage.
Absorption Through Skin	Can irritate skin, not absorbed.
Ingestion	Possible severe irritation.

Section 5 - Fire-fighting measures

Extinguishing Media	water spray, carbon dioxide, dry chemical, or appropriate foam
Fire Fighting Procedure	N/A
Unusual Fire/Explosion Hazard	None.
Hazardous Combustion Products	Substance is noncombustible

Section 6 - Accidental release measures

Spill Response Procedure	Collect liquid in suitable container, then neutralize with dilute acid solution.
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Section 7 - Handling and storage

Handling Precautions	No special handling procedures are required.
Storage Conditions	Store in a cool dry place. Keep container tightly sealed in a dry and ventilated area. Do not store unopened containers in direct sunlight for extended periods.

Section 8 - Exposure controls/personal protection

Chemical Name	OSHA PEL	ACGIH TLV
sodium tripolyphosphate (STPP)	not listed	not listed
sodium gluconate	not listed	not listed
tolyltriazole sodium salt	not listed	not listed
sodium polyacrylate	not listed	not listed
potassium hydroxide	not listed	2 mg/m3 (C)

Ventilation	Local and mechanical (general) exhaust required.
Respiratory Protection	Not required unless dusting is noted. Then use NIOSH approved respirator for acids.
Protective Gloves	Rubber or impermeable gloves.
Eye Protection	Safety goggles.
Other Protective Equipment	Impermeable apron is advised.
Work / Hygienic Practices	Protect containers from extreme temperatures.

Section 9 - Physical and chemical properties

Appearance	Clear yellowish liquid.	Vapor Pressure @20°C	N/A
Odor	Odorless	Vapor Density	N/A



Odor Threshold	Not Determined	Specific Gravity	1.1
pH	10.5-11.0	Solubility in Water	100%
Melting Point, °F	N/A	Partition Coefficient	Not Determined
Boiling Point, °F	212 deg F	Auto Ignition Temp, °F	N/A
Flash Point, °F	Not Flammable	Decomposition Temp, °F	Not Determined
Evaporation Rate	0.8	Viscosity	Not Determined
Flammability Limits	N/A	Percent Volatile	N/A

Section 10 - Stability and reactivity

Reactivity	in water: Not Reactive
Stability	stable under normal conditions
Conditions to Avoid	Organic and mineral acids and some metals.
Incompatible Materials	Strong mineral acids.
Hazardous Decomposition Products	Thermal decomposition may yield oxides of nitrogen (NOx), oxides of carbon
Hazardous Polymerization	Hazardous polymerization will not occur.

Section 11 - Toxicological information

Routes of Entry	skin or eye contact, ingestion
Acute Exposure Symptoms	Possible severe irritation to nose, throat and skin.
Chronic Exposure Effects	Not Determined.
Medical Conditions Aggravated By Exposure	Not determined.

Acute Toxicity:

Chemical Name	CAS Number	Oral LD50	Dermal LD50	Inhalation LC50
sodium tripolyphosphate (STPP)	7758-29-4	3120 mg/kg	4640 mg/kg	0.39 mg/L
sodium gluconate	527-07-1	>2000 mg/kg	no data	no data
tolyltriazole sodium salt	64665-57-2	1980 mg/kg	2000 mg/kg	no data
sodium polyacrylate	9003-04-7	>5000 mg/kg	>2000 mg/kg	no data
potassium hydroxide	1310-58-3	273 mg/kg	no data	no data

Carcinogenicity:

Ingredients are on the following lists of suspected or known carcinogens:

Chemical Name	CAS Number:	IARC	NTP	OSHA
sodium tripolyphosphate (STPP)	7758-29-4	No	No	No
sodium gluconate	527-07-1	No	No	No
tolyltriazole sodium salt	64665-57-2	No	No	No
sodium polyacrylate	9003-04-7	No	No	No
potassium hydroxide	1310-58-3	No	No	No

Section 12 - Ecological information

Overview: No data



Section 13 - Disposal considerations

Preparing Waste For Disposal Dispose of in accordance with Federal, State, and local regulations. After neutralizing, waste should be acceptable for flushing to sanitary sewer.

Section 14 - Transport information

DOT Shipping Not DOT Regulated

Section 15 - Regulatory information

California Proposition 65 This product does not contain chemicals listed by California proposition 65.

HMIS Ratings Health: 1, Flammability: 0, Reactivity: 0

Section 16 - Other information

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